
A BILL FOR AN ACT

RELATING TO ONSITE-NON-POTABLE WATER REUSE SYSTEMS.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that as an island state,
2 Hawai'i has limited access to natural fresh water and, unlike in
3 other states, it is not economically feasible to ship in
4 additional supplies when needed. Competition for fresh water
5 from increasing population, development pressures, and the
6 impact of climate change require that Hawai'i develop strategies
7 for increasing water conservation, recharge, and reuse in order
8 to ensure fresh water supplies for current and future
9 generations. The Hawai'i Fresh Water Initiative, organized by
10 the Hawaii Community Foundation, was developed to increase water
11 security in the State by one hundred million gallons a day by
12 2030. This will require more than doubling the amount of
13 wastewater currently reused in the islands to provide an
14 additional thirty million gallons a day in water availability.
15 The legislature further finds that the use of recycled
16 water for non-potable applications has proven safe and feasible
17 under existing regulatory regimes in Hawai'i and many other



1 states, as well as in other industrialized countries of the
2 world. Onsite water reuse in high-rise and mid-rise
3 developments in particular has proven feasible and safe in New
4 York, California, Japan, Australia, and other locations. The
5 use of recycled water generated onsite at high-rise and mid-rise
6 developments can replace a large percentage of the future
7 potable water demand of such developments.

8 To help reach the 2030 goal for water reuse, the department
9 of health organized a water reuse task force pursuant to House
10 Concurrent Resolution No. 86, S.D. 1 (2018), with the purpose of
11 identifying policies to help scale water reuse in the Hawaiian
12 islands. Task force participants included representatives from
13 the department of health, board of land and natural resources,
14 commission on water resources management, board of agriculture,
15 Honolulu board of water supply, Hawaii Freshwater Initiative,
16 Hawaii Community Foundation, county representatives, and members
17 of the house of representatives and the senate.

18 The purpose of this Act is to require the department of
19 health to evaluate and determine the best practical standards
20 for the State to adopt for alternative, onsite non-potable water
21 reuse systems.



1 SECTION 2. The department of health shall evaluate and
2 determine the best practical standards for the State to adopt
3 for alternative, onsite non-potable water reuse systems.

4 The department of health shall submit a report of its
5 evaluation findings and determination of the standards to adopt
6 for alternative, onsite non-potable water reuse systems,
7 including any proposed legislation, to the legislature no later
8 than July 1, 2020.

9 SECTION 3. This Act shall take effect on July 1, 2019.



Report Title:

Department of Health; Onsite Non-potable Water Reuse Systems;
Report

Description:

Requires DOH to evaluate and determine the best practical standards for the State to adopt for alternative, non-potable water reuse systems. Requires DOH to report to the Legislature. (SD1)

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